Single line diagram symbols, IEC 60617

Symbols as drawn to IEC 60617, with symbol numbers where given. Drawn by Deskely. Project legend sheets take precedence.

deskely

SOURCES AND MACHINES



Generator
S00819



Motor
S00819

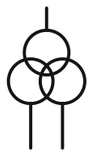


Battery
S00898

TRANSFORMERS



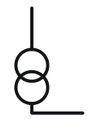
Transformer
S00841



Three-winding transformer
S00844



Current transformer (CT)
S00850



Voltage transformer (VT)
S00841

SWITCHING DEVICES



Circuit breaker
S00287



Draw-out circuit breaker
S00287



Low voltage circuit breaker
S00287



Disconnect switch
S00288



Load break switch
S00290



Earthing switch
S00288 + S00200



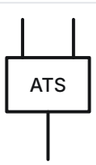
Contactor
S00284



Fuse
S00362

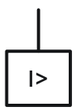


Fused switch
S00370

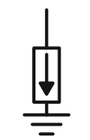


Automatic transfer switch

PROTECTION AND METERING



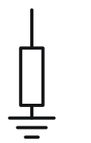
Protective relay
S00327



Surge arrester
S00373



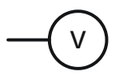
Ground
S00200



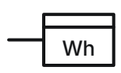
Neutral grounding resistor



Ammeter
S00910



Voltmeter
S00910

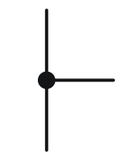


Energy meter
S00912

BUSBARS AND CONNECTIONS



Busbar

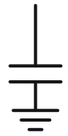


Connection



Crossing, not connected

LOADS AND POWER ELECTRONICS



Capacitor bank
S00567



Reactor
S00848



Variable frequency drive
S00213



Rectifier
S00894



Inverter
S00896



UPS



Load